

L Number	Hits	Search Text	DB	Time stamp
7	27	(permanent adj magnet) same (pole adj piece) same lubricat\$3	USPAT; JPO; DERWENT	2004/02/17 16:28
8	146	(magnet) same (friction) same lubricant\$3	USPAT; JPO; DERWENT	2004/02/17 16:28
9	23	(permanent adj magnet) same (pole adj piece) same lubricant	USPAT; JPO; DERWENT	2004/02/17 16:29
10	140	((permanent adj magnet) same (pole adj piece)) and (magnetic adj field) and MRI	USPAT; JPO; DERWENT	2004/02/17 16:50
-	8358	(permanent adj magnet) and (pole adj piece)	USPAT; JPO; DERWENT	2004/02/13 10:04
-	6417	(permanent adj magnet) same (pole adj piece)	USPAT; JPO; DERWENT	2004/02/13 11:09
-	6	((((permanent adj magnet) same (pole adj piece)) and (magnetic adj field) and MRI) and 29/\$.ccls.	USPAT; JPO; DERWENT	2004/02/13 11:46
-	7	("4679022" "4900374" "4943774" "5631616" "5659250" "6333630" "6340888" "2002/0056187").PN.	USPAT	2004/02/13 10:06
-	4	("4931760" "5283544" "5621324" "5631616").PN.	USPAT	2004/02/13 10:08
-	1377	29/606,607.ccls.	USPAT; JPO; DERWENT	2004/02/13 12:00
-	25	((permanent adj magnet) and (pole adj piece)) and 29/606,607.ccls.	USPAT; JPO; DERWENT	2004/02/13 10:10
-	128	((slid\$3 or push\$3) with (pole adj piece)) same (permanent adj magnet)	USPAT; JPO; DERWENT	2004/02/13 10:11
-	119	((((slide or sliding) or (push\$3 or pushing)) with (pole adj piece)) same (permanent adj magnet)	USPAT; JPO; DERWENT	2004/02/13 10:12
-	114	(((((slide or sliding) or (push\$3 or pushing)) with (pole adj piece)) same (permanent adj magnet)) and @ad<20001116	USPAT; JPO; DERWENT	2004/02/13 10:19
-	119	(permanent adj magnet) same ((slide or sliding) or (push\$3 or pushing)) with (pole adj piece)	USPAT; JPO; DERWENT	2004/02/13 10:19
-	114	((permanent adj magnet) same ((slide or sliding) or (push\$3 or pushing)) with (pole adj piece)) and @ad<20001116	USPAT; JPO; DERWENT	2004/02/13 10:20
-	242	(permanent adj magnet) same (pole adj piece) same ((slide or sliding) or (push\$3 or pushing))	USPAT; JPO; DERWENT	2004/02/13 10:20
-	214	(permanent adj magnet) same (pole adj piece) same ((slide or sliding) or (push or pushing))	USPAT; JPO; DERWENT	2004/02/13 10:20
-	204	((permanent adj magnet) same (pole adj piece) same ((slide or sliding) or (push or pushing))) and @ad<20001116	USPAT; JPO; DERWENT	2004/02/13 10:55
-	25	4393425.URPN.	USPAT	2004/02/13 10:39
-	85913	310/\$.ccls. (permanent adj magnet) same (pole adj piece)	USPAT; JPO; DERWENT	2004/02/13 10:55
-	968	310/\$.ccls. and (permanent adj magnet) same (pole adj piece)	USPAT; JPO; DERWENT	2004/02/13 10:55
-	1	(310/\$.ccls. and (permanent adj magnet) same (pole adj piece)) and (magnetic adj field) and MRI	USPAT; JPO; DERWENT	2004/02/13 10:56
-	140	((((permanent adj magnet) same (pole adj piece)) and (magnetic adj field) and MRI) and 310/\$.ccls.	DERWENT USPAT; JPO; DERWENT	2004/02/13 10:57

-	1	((permanent adj magnet) same (pole adj piece)) and (magnetic adj field) and MRI) and 310/\$.ccls.	USPAT; JPO; DERWENT	2004/02/13 10:57
-	55	((permanent adj magnet) same (pole adj piece)) and (magnetic adj field) and MRI) and 335/\$.ccls.	USPAT; JPO; DERWENT	2004/02/13 11:53
-	6	("4770723" "4931760" "5162768" "5309106" "6336989" "6340888").PN.	USPAT	2004/02/13 10:58
-	6	("4931760" "4939493" "5283544" "5621324" "5631616" "6452472").PN.	USPAT	2004/02/13 10:59
-	3	("4672346" "4679022" "5194810").PN.	USPAT	2004/02/13 11:01
-	7	("4679022" "4900374" "4943774" "5631616" "5659250" "6333630" "6340888" "2002/0056187").PN.	USPAT	2004/02/13 11:03
-	67	(permanent adj magnet) same (pole adj piece) same MRI	USPAT; JPO; DERWENT	2004/02/13 12:16
-	1	6336989.URPN.	USPAT	2004/02/13 11:11
-	3	6297634.URPN.	USPAT	2004/02/13 11:11
-	299	336/110.ccls.	USPAT; JPO; DERWENT	2004/02/13 11:45
-	10	((permanent adj magnet) same (pole adj piece)) and 336/110.ccls.	USPAT; JPO; DERWENT	2004/02/13 11:45
-	731	((permanent adj magnet) same (pole adj piece)) and 335/\$.ccls.	USPAT; JPO; DERWENT	2004/02/13 11:53
-	0	((permanent adj magnet) same (pole adj piece)) and 3345/\$.ccls.	USPAT; JPO; DERWENT	2004/02/13 11:53
-	453	((permanent adj magnet) same (pole adj piece)) and 324/\$.ccls.	USPAT; JPO; DERWENT	2004/02/13 11:53
-	73	((permanent adj magnet) same (pole adj piece)) and 335/\$.ccls.) and ((permanent adj magnet) same (pole adj piece)) and 324/\$.ccls.)	USPAT; JPO; DERWENT	2004/02/13 11:59
-	6	("4770723" "4931760" "5162768" "5309106" "6336989" "6340888").PN.	USPAT	2004/02/13 11:54
-	7	("4679022" "4900374" "4943774" "5631616" "5659250" "6333630" "6340888" "2002/0056187").PN.	USPAT	2004/02/13 11:55
-	204	29/606,607.ccls. and (permanent adj magnet)	USPAT; JPO; DERWENT	2004/02/13 12:00
-	33	(29/606,607.ccls. and (permanent adj magnet)) and (magnetic adj pole)	USPAT; JPO; DERWENT	2004/02/13 12:01
-	7	("4679022" "4900374" "4943774" "5631616" "5659250" "6333630" "6340888" "2002/0056187").PN.	USPAT	2004/02/13 12:01
-	36	4943774.URPN.	USPAT	2004/02/13 12:01
-	879	(permanent adj magnet) and MRI	USPAT; JPO; DERWENT	2004/02/13 12:16
-	353	((permanent adj magnet) and MRI) and pole	USPAT; JPO; DERWENT	2004/02/13 12:16
-	175	((permanent adj magnet) and MRI) and (pole adj piece)	USPAT; JPO; DERWENT	2004/02/13 12:16

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1 Design procedure for permanent magnet assemblies with uniform magnetic fields for MRI devices
Podol'skii, A.;

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 Pages:484 - 490

[\[Abstract\]](#) [\[PDF Full-Text \(180 KB\)\]](#) **IEEE JNL**
2 Effects of residual magnetism due to minor loop on magnetic properties of permanent magnet type of MRI
Takahashi, N.; Suenaga, R.; Miyata, K.; Ohashi, K.;

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 Pages:641 - 643

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4 Effect of minor loop on magnetic characteristics of permanent magnet type of MRI
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5 Analysis of the magnetic property of a permanent-magnet-type MRI behavior of residual magnetization

Takahashi, N.; Suenaga, R.; Miyata, K.; Ohashi, K.;

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Pages:1337 - 1340

[\[Abstract\]](#) [\[PDF Full-Text \(491 KB\)\]](#) [IEEE JNL](#)

6 3-D optimal shape design of ferromagnetic pole in MRI magnet of a permanent-magnet type

Dong-Hun Kim; Byung-Sung Kim; Joon-Ho Lee; Wan-Soo Nah; Il-Han Park;

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7 Analysis of magnetic characteristics of permanent magnet assembly for MRI devices taking account of hysteresis and eddy current

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8 A development of a permanent magnet assembly for MRI devices using Nd-Fe-B material

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